

# TECHNICAL REPORT

## CRIB 5



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Customer information: HOEPKE

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Niederfüllbach

Our Ref: CR110721-2

Date: 11/10/2022

Delivery Date: 03/10/2022

Test Dates: 06/10/2022

For the attention of :Hilmar Carl

### SAMPLE(S) FOR TEST:



One, Composite - Ref: Astoria FR

*Note: The above descriptions are as supplied by the client and have not been verified by K-TEX LAB International who can take no responsibility for the accuracy of the description.*

### TEST REQUIREMENTS:

BS 5852: 2006, Clause 11 Ignition Source 5

### RESULT:

Pass - P 5

The cover material was subjected to the water soak procedure and line dried in accordance with Annex E of the above regulations.

This Report relates to the sample(s) submitted for test and no others. Additions, deletions or alterations are not permitted.

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# TECHNICAL REPORT

## CRIB 5



### DESCRIPTION

Enquiry No. CR110721-2

Item: One, Composite Ref: Astoria FR

Supplied by: HOEPKE

The following test results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

### IGNITABILITY TEST ACCORDING TO BS 5852: 2006- METHODS OF TEST FOR ASSESSMENT OF THE IGNITABILITY OF UPHOLSTERED SEATING BY SMOULDERING AND FLAMING IGNITION SOURCES

**Initial Inspection:** Condition as new.

**Conditioning:**  $\geq 3$  days at indoor ambient conditions and  $\geq 24$  hours at  $23 \pm 2^\circ\text{C}$  &  $50 \pm 5\%$ rh.

**Test Method:** The test was performed using the specified rig (section 7.2 of the above standard). Using supplied cover and filling components to form a composite that is intended to be representative to the upper 75mm of the upholstered furniture when in final use. The test was conducted using Ignition Source 5.

**Filling Material:** A combustion modified high resilience foam 50kg/m<sup>3</sup> Ref: CMHR50.

**Test Conditions:** The test was performed with the stipulated conditions  $10^\circ\text{-}30^\circ\text{C}$  and 15%-80% relative humidity.

### RESULTS

Source No.	Application No.	Flaming of Assembly	Smoke/ Smoulder	Ignition/ Non-Ignition
5	1	04min 17sec	10min 00sec	PASS (N/I)
	2	04min 41sec	10min 00sec	PASS (N/I)

### COMMENTS

CLAUSE	SMOULDERING FAIL CRITERIA	APP. 1	APP. 2
4.1.1a	Unsafe escalating smouldering	PASS (N/I)	PASS (N/I)
4.1.1c	Smoulders to extremities/ Reaches side of rig/ though full thickness	PASS (N/I)	PASS (N/I)
4.1.1e	Smouldering continued for >60mins from application of ignition source	PASS (N/I)	PASS (N/I)
4.1.1f	Evidence of charring within the filling >100mm horizontally from position of source	PASS (N/I)	PASS (N/I)
CLAUSE	FLAMING FAIL CRITERIA	APP. 1	APP. 2
4.2.1a	Unsafe escalating combustion	PASS (N/I)	PASS (N/I)
4.2.1b	Test specimen consumed during duration of the test	PASS (N/I)	PASS (N/I)
4.2.1c	Flames reach the extremities or penetrate the full thickness of the sample	PASS (N/I)	PASS (N/I)
4.2.1e	Flames >10min from application of ignition source	PASS (N/I)	PASS (N/I)

### CONCLUSION

This sample Ref. Astoria FR passes the requirements of BS 5852: 2006 Clause 11, Ignition Source 5.

Tested by: Kadir ÇELEBİ

Reported by: Şakir KARATAŞ

Approved by: Aydın KAZAN

